Index of Claims

10/526,447

Examiner

Laura C. Guidotti

Applicant(s)/Patent under Reexamination

NICCOLAI, CELESTINO

Art Unit

1744

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral) Cancelled |
|---|-----------------------------|
|   |                             |

Restricted

|--|

Interference

**Appeal** Α 0 Objected

| •         |          |          |          |          |          |  |          |          |  |  |            |       |          |               |          |               |          |          |          |  |  |        |
|-----------|----------|----------|----------|----------|----------|--|----------|----------|--|--|------------|-------|----------|---------------|----------|---------------|----------|----------|----------|--|--|--------|
| Cla       | aim      | Date     |          |          |          |  |          |          | 1  | Cla  | Claim Date |       |          |               |          |               |          |          |          |  |  |        |
| Final     | Original | 5/14/07  |          |          |          |  |          |          |  |  |            | Final | Original |               |          |               |          |          |          |  |  |        |
|           | ٩        | <b>√</b> | $\vdash$ |          |          | T  | $\vdash$ | $\vdash$ | $\vdash$   | t  | 1          |       | 51       |               | _        | ┢             | 一        | _        |          |  | ┢  | Н      |
| _         | 2        | 1        | $\vdash$ | -        | Н        | ┢  | $\vdash$ |          | $\vdash$   | $\vdash$   | 1 1        |       | 52       | Н             | $\vdash$ | -             | $\vdash$ | -        | ┢        | <u> </u>   | 一  | Н      |
| <b>—</b>  | 3.       | $H^-$    | Н        |          |          | Ħ  |          |          | t  | <del>                                     </del> | 1          |       | 53       | H             |          |               | Т        | $\vdash$ | $\vdash$ | <b>†</b>   | $\vdash$   | $\Box$ |
|           | (4)      | 1        |          |          |          |  |          |          |  |  | 1          |       | 54       |               |          |               |          |          |          | T  |  | П      |
|           | 5        | Ť        | $\vdash$ | H        |          |  | _        |          | Ι.   | 1  | 1 1        |       | 55       |               |          | $\vdash$      |          | Ĺ        | $\vdash$ |  | ⇈  | М      |
|           | 6        |          | _        | T        |          | $\vdash$   | T        | T        | $\vdash$   | T  | 1 1        |       | 56       | М             |          | _             |          | ┢        | _        | <del>                                     </del> | $\vdash$   | М      |
|           | 7        |          | T        |          | Г        |  |          | Т        |  | Г  | 1 1        |       | 57       | П             |          |               |          | ┢        | _        | 1  |  | П      |
|           | 8        |          |          | $\vdash$ |          |  |          |          | T  | Т  | 1 1        |       | 58       | П             |          | $\vdash$      |          | $\vdash$ | Г        | T  | 一  | П      |
|           | 9        |          | $\vdash$ | _        | 1        | <del>                                     </del> | _        | $\vdash$ |  |  | 1          |       | 59       | Н             |          |               | $\vdash$ |          | $\vdash$ |  | T  | П      |
|           | 10       |          |          |          | T        |  |          | 1        |  | <u> </u>   | 1          |       | 60       | Н             |          |               | Т        | $\vdash$ | $\vdash$ |  |  | П      |
|           | 11       |          | Т        | $\vdash$ | $\vdash$ | T  | 一        | ✝        | T  | $\vdash$   | 1          |       | 61       | Н             |          | _             | 一        | $\vdash$ | _        | $\vdash$   | ┢  | М      |
|           | 12       | _        |          | $\vdash$ | $\vdash$ | $\vdash$   | ┢        | _        | 1  | <del> </del>                                     | 1 1        |       | 62       | Н             |          |               | $\vdash$ | $\vdash$ |          | Т  |  | Н      |
|           | 13       |          |          | _        |          | T  | $\vdash$ | $\vdash$ | T  |  | 1          |       | 63       |               | -        |               |          | _        |          | $\vdash$   | 一  | Н      |
|           | 14       |          |          | -        | -        | _  | 1        |          |  |  | 1 1        |       | 64       | П             |          |               |          | 1        |          |  | $\vdash$   | Н      |
|           | 15       |          | $\vdash$ | T        |          |  | $\vdash$ | T        | t  | Н  | 1 1        |       | 65       |               |          |               |          | <u> </u> | T        | $\vdash$   | $\vdash$   | Н      |
| <u> </u>  | 16       |          |          |          | _        | -  | _        | Т        |  | $\vdash$   | 1 1        |       | 66       | $\rightarrow$ |          |               |          |          |          | <u> </u>   | H  | Н      |
|           | 17       |          | $\vdash$ |          |          |  | $\vdash$ | T        | †  | Ħ  | 1 1        |       | 67       | $\neg$        |          |               |          | $\vdash$ | Н        |  | ┢  | Н      |
|           | 18       |          | $\vdash$ |          | _        | <u> </u>   | _        |          | 一  | $\vdash$   | 1 1        |       | 68       |               |          |               |          |          | _        | T  | Н  | Н      |
|           | 19       |          | Ė        | _        |          | ┢  | $\vdash$ | $\vdash$ | t  | T  | 1 1        |       | 69       |               | _        | _             |          |          |          |  | Н  | Н      |
|           | 20       |          | $\vdash$ |          |          |  | $\vdash$ | Т        | ┢  | Т  | 1 1        |       | 70       | П             |          |               |          | -        |          | ┢  | ┢  | Н      |
|           | 21       |          |          | Г        |          | Г  | $\vdash$ |          |  |  | 1 1        |       | 71       |               |          | _             |          | _        |          | _  | <del>                                     </del> | М      |
|           | 22       |          |          |          |          | T  |          |          |  | $\vdash$   | 1 1        |       | 72       |               |          |               |          | $\vdash$ |          | Г  | Г  | $\Box$ |
|           | 23       |          |          |          |          | Г  | _        | Т        | <del>                                     </del> | Т  | 1 1        |       | 73       |               |          |               |          |          | $\vdash$ | İΤ   | Г  |        |
|           | 24       |          |          |          |          |  | _        |          | Г  |  | ii         |       | 74       |               |          | $\overline{}$ |          |          |          | $\vdash$   | Г  |        |
|           | 25       |          | T        |          |          | Г  |          | $\vdash$ | Г  |  | 1 1        |       | 75       |               | _        |               |          |          |          |  | T  | П      |
|           | 26       |          |          |          |          | Г  |          |          |  |  | 1 1        |       | 76       | •             |          |               |          |          | -        |  |  | П      |
|           | 27       |          |          |          |          |  |          |          |  |  | 1 1        |       | 77       |               |          |               |          |          |          |  |  | П      |
|           | 28       |          | $\Box$   | Г        |          |  |          |          |  |  | 1 1        |       | 78       |               |          |               | $\vdash$ |          |          |  |  | П      |
|           | 29       |          |          |          |          |  |          |          |  | Г  | 1 1        |       | 79       |               |          |               |          |          |          |  |  | П      |
|           | 30       |          |          |          |          |  |          |          |  |  | 1 1        |       | 80       |               |          |               |          |          |          |  |  | П      |
|           | 31       |          |          |          |          |  |          |          |  |  | 1 1        |       | 81       |               |          |               |          |          |          |  |  | П      |
|           | 32       |          |          |          |          |  |          | Г        |  |  | 1          |       | 82       |               |          |               |          |          |          | Г  | Г  | П      |
|           | 33       |          |          |          |          |  |          |          |  |  | 1 [        |       | 83       |               |          |               |          |          |          |  |  | П      |
|           | 34       |          |          |          |          |  |          |          |  | Г  | 1 [        |       | 84       |               |          |               |          |          |          |  |  |        |
|           | 35       |          |          |          |          |  |          |          |  |  | ] [        |       | 85       |               |          |               |          |          |          |  |  |        |
|           | 36       |          |          |          |          |  |          |          |  |  | ĺĺ         |       | 86       |               |          |               |          |          |          |  |  |        |
|           | 37       |          |          |          |          |  |          |          |  |  | 1          |       | 87       |               |          |               |          |          |          |  |  |        |
|           | 38       |          |          |          |          |  |          |          |  |  |            |       | 88       |               |          |               |          |          |          |  |  | П      |
|           | 39       |          |          |          |          |  |          |          |  |  |            |       | 89       |               |          |               |          |          |          |  |  |        |
|           | 40       |          |          |          |          |  |          |          |  |  |            |       | 90       |               |          |               |          |          |          |  |  |        |
|           | 41       |          |          |          |          |  |          |          |  |  |            |       | 91       |               |          |               |          |          |          |  |  |        |
|           | 42       |          |          |          |          |  |          |          |  |  |            |       | 92       |               |          |               |          |          |          |  |  |        |
|           | 43       |          |          |          |          |  |          |          |  |  |            |       | 93       |               |          |               |          |          |          |  |  |        |
|           | 44       |          |          |          |          |  |          |          |  |  |            | [     | 94       |               |          |               |          |          |          |  |  |        |
|           | 45       |          |          |          |          |  |          |          |  |  |            |       | 95       |               |          |               |          |          |          |  |  |        |
| $\square$ | 46       |          |          |          |          |  |          |          |  |  |            |       | 96       |               |          |               |          | ]        |          |  |  |        |
| $\sqcup$  | 47       |          |          |          |          |  |          |          |  |  |            |       | 97       |               |          |               |          |          |          |  |  |        |
| <b>Ш</b>  | 48       | _        |          |          |          |  |          |          | $oxed{oxed}$                                     |  |            |       | 98       |               |          |               |          |          |          |  | Ш  | $\Box$ |
|           | 49       | _        |          |          |          |  | _        |          | Щ  |  |            | ļ     | 99       |               |          |               |          |          |          |  | Ш  |        |
| ليلا      | 50       |          |          |          | 1        |  |          |          |  |  | L          |       | 100      |               |          |               |          |          |          |  | Ш  |        |

| Claim    |                | Т  | Date     |              |              |              |                |  |              |                 |  |  |  |
|----------|----------------|--|----------|--------------|--------------|--------------|----------------|--|--------------|-----------------|--|--|--|
| <u> </u> | 1              | 1  | T        | T            | Τ,           | Ī            | Ť              | П  | Γ            | T               |  |  |  |
| Final    | Original       |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 51             |  | Г        | Π            |              | П            | П              | T  |              | П               |  |  |  |
|          | 51<br>52       |  |          |              |              |              | Π              |  |              |                 |  |  |  |
|          | 53             |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 54             |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 55             | L  |          | <u></u>      | _            | Ŀ            |                | L  | L            | <u> </u>        |  |  |  |
|          | 56             | _  | _        | _            | _            | L            | _              | <u> </u>   | _            |                 |  |  |  |
|          | 57             |  | _        | _            | <u> </u>     | Ļ            | _              | Ŀ  |              | lacksquare      |  |  |  |
|          | 58             | <u> </u>   | <u> </u> | ┡            | <u> </u>     | <u> </u>     | ऻ_             |  | _            | <u> </u>        |  |  |  |
|          | 59             |  | $\vdash$ | ļ            | Ь            | ▙            | <del> </del> _ | _  | <u> </u>     | <u> </u>        |  |  |  |
| $\vdash$ | 60             | ├  | ├        | -            | ├            | ⊬            | <del> </del>   | ┝  | ⊢            | -               |  |  |  |
| -        | 61             | ⊢  |          |              | -            | ⊢            | _              | ⊢  | _            | ⊢               |  |  |  |
| -        | 62<br>63       |  | ├        | ├            | <del> </del> | ╌            | <del> </del>   | $\vdash$   | ⊢            | ┢               |  |  |  |
| $\vdash$ | 64             | $\vdash$   | -        | $\vdash$     | -            | -            | $\vdash$       | $\vdash$   | $\vdash$     | $\vdash$        |  |  |  |
|          | 65             | -  | -        | $\vdash$     |              | ╌            | ┢              | ├  | $\vdash$     | ┢               |  |  |  |
| -        | 66             | ,  |          |              | -            |              | $\vdash$       | ⊢  | $\vdash$     | -               |  |  |  |
| -        | 67             | ┢  |          | $\vdash$     |              | H            | $\vdash$       | $\vdash$   | ┢            | $\vdash$        |  |  |  |
|          | 68             | -  | -        |              | -            | _            | ┢              | ┢  | $\vdash$     | $\vdash$        |  |  |  |
|          | 68<br>69       |  | ┪        |              | 1            | T            |                |  |              |                 |  |  |  |
|          | 70             |  |          |              |              |              |                | ┢  |              | Г               |  |  |  |
|          | 71             | Г  |          | T            | $\vdash$     |              |                |  |              |                 |  |  |  |
|          | 72             |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 71<br>72<br>73 |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 74<br>75       |  | L        |              |              |              |                |  |              |                 |  |  |  |
|          | 75             | _  |          | _            | L            | _            |                |  |              | _               |  |  |  |
|          | 76             | Ŀ  | _        | <u> </u>     | _            | <u> </u>     | Ŀ              | _  | _            | _               |  |  |  |
|          | 77             | $\vdash$   | <u> </u> | ├            | _            | _            | <u> </u>       | _  | L            | _               |  |  |  |
| <u> </u> | 78             | ├  | ├        | ├            |              | ⊢            | <u> </u>       | _  | _            | _               |  |  |  |
|          | 79<br>80       |  | -        | ⊢            | ŀ            | ⊢            | ┝              | ├  | -            | <del> </del>    |  |  |  |
| -        | 81             |  |          | <del> </del> | ┝            | -            | -              | ├  | _            | H               |  |  |  |
|          | 82             | $\vdash$   | ⊢        | -            |              | -            | ┝              | ⊢  | <del> </del> | ├               |  |  |  |
| $\vdash$ | 83             | ┢─   | $\vdash$ | ┢╾           |              | $\vdash$     | $\vdash$       | $\vdash$   |              |                 |  |  |  |
|          | 84             | <del>                                     </del> | Ι        | $\vdash$     | $\vdash$     | T            | Н              | <del>                                     </del> | -            |                 |  |  |  |
|          | 85             |  | <u> </u> | _            | Г            |              |                | $\vdash$   |              |                 |  |  |  |
|          | 86             |  | Г        |              | Г            |              |                | Г  |              |                 |  |  |  |
|          | 87             |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 88             |  |          |              |              |              |                |  |              |                 |  |  |  |
|          | 89             |  | 匚        | 匚            |              |              |                |  |              |                 |  |  |  |
| $\perp$  | 90             |  | _        |              | _            | $oxed{\Box}$ | oxdot          |  |              |                 |  |  |  |
|          | 91             | L.,  | _        | <u> </u>     | _            | Ш            |                | _  |              |                 |  |  |  |
|          | 92             | <u> </u>   | <u> </u> | $\vdash$     |              | <u> </u>     | _              | $\vdash$   |              | Ш               |  |  |  |
| $\vdash$ | 93             |  | <u> </u> | $\vdash$     |              | $\vdash$     | _              | _  |              |                 |  |  |  |
| -        | 94<br>95       | H  | $\vdash$ | -            |              | Щ            | <u> </u>       | _  |              | $\vdash \vdash$ |  |  |  |
| $\vdash$ | 96             | -  | -        | -            |              | Н            | Н              |  | _            | $\vdash$        |  |  |  |
| $\vdash$ | 97             | -  |          | $\vdash$     | $\vdash$     | $\vdash$     | Н              |  |              | $\vdash$        |  |  |  |
| $\vdash$ | 98             |  |          |              |              | $\vdash$     | =              | _  | _            | $\vdash$        |  |  |  |
|          | 99             |  |          | $\Box$       |              | Н            |                |  | _            | $\dashv$        |  |  |  |
|          | 100            |  |          |              |              |              |                | _  | $\neg$       | _               |  |  |  |

| Cl           | aim  |          |          |          |          | Dat               | e        |  |          |                 |
|--------------|--|----------|----------|----------|----------|-------------------|----------|--|----------|-----------------|
|              |  |          |          | Г        | Г        | Π                 | Π        | Т  | Γ        |                 |
| <del> </del> | Original   |          | l        |          |          |                   |          | 1  | Į        | 1 1             |
| Final        | <u>.</u>   |          |          | 1        |          | l                 |          |  | i        | 1               |
| ╽╙           | lõ   |          |          |          |          |                   |          |  |          |                 |
|              |  | _        |          | _        | _        | ┖                 | _        | _  | ╙        | Ш               |
|              | 101<br>102   |          |          |          | L        | 乚                 | _        | L  | L        | $\Box$          |
|              | 102  |          |          |          |          |                   |          |  | _        | L               |
|              | 103  |          |          |          | 7        |                   |          |  |          |                 |
|              | 103<br>104<br>105                                    | Г        |          |          |          | Г                 | Г        | Г  |          | П               |
|              | 105  |          |          |          |          |                   |          | _  |          | П               |
|              | 106  | _        | _        | -        | _        | Н                 | ┪        | $\vdash$   | $\vdash$ | М               |
|              | 107  | _        | ┝        | _        | ┢        | ┢                 | ┢        | ┢  | ┢        | Н               |
|              | 106<br>107<br>108                                    |          | -        | $\vdash$ | $\vdash$ | ├                 | -        | ┢  | ⊢        | $\vdash$        |
|              | 100  | ├        | _        | -        | _        | ⊢                 | $\vdash$ |  | $\vdash$ | $\vdash$        |
|              | 109  |          |          | <u> </u> | _        | ⊢                 | ⊢        | <del> </del>                                     | ⊢        | Н               |
|              | 110  | _        | <u> </u> | <u> </u> | _        | ⊢                 | <u> </u> | L_   | <b>!</b> | $\sqcup$        |
|              | 109<br>110<br>111                                    | <u> </u> | <u> </u> |          | L.       | <u> </u>          |          | L_   | <u> </u> | Ш               |
| L            | 112  | <u> </u> | L        | _        |          | 匚                 | _        | L  | L_       |                 |
|              | 113  |          |          | <u> </u> |          |                   | L        |  | L        |                 |
|              | 114  |          | L        |          | Ĺ        |                   |          |  |          |                 |
|              | 115  |          | Γ        |          |          |                   | Π        | Π  |          | П               |
|              | 112<br>113<br>114<br>115<br>116                      |          |          |          | $\Box$   |                   | Г        | Π  | Г        | П               |
|              | 117  |          |          | Т        | $\vdash$ | T                 | <u> </u> | <del>                                     </del> | Т        | Н               |
|              | 118  | T.       | -        | -        | -        |                   |          |  | <u> </u> | Н               |
|              | 119  | _        |          |          | -        | H                 | Н        | _  | $\vdash$ | Н               |
| <u> </u>     | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125 | _        | _        | H        | $\vdash$ | $\vdash$          | ┝        | <del>                                     </del> | $\vdash$ | H               |
|              | 121  | _        | -        | $\vdash$ | -        | -                 | $\vdash$ | $\vdash$   | -        | Н               |
|              | 122  | -        | _        | -        |          | _                 |          |  |          | H               |
| $\vdash$     | 122  |          |          |          |          | $\vdash$          | -        | -  |          | Н               |
| _            | 123  | -        | _        | -        | _        | -                 | $\vdash$ | -  | $\vdash$ | Н               |
|              | 124  |          |          | $\vdash$ |          | <u> </u>          | $\vdash$ | -  | _        | $\vdash\vdash$  |
|              | 120  |          |          | Н        | _        | ⊢                 |          | _  | _        | Н               |
|              | 126<br>127<br>128                                    |          |          |          | _        | <u> </u>          | ┝        | _  |          | ⊢⊣              |
|              | 127  |          |          | Н        | _        | <u> </u>          | ⊢        | <u> </u>   |          | Ш               |
|              | 128  |          |          | Ш        | _        | <u> </u>          | _        | _  |          | Щ               |
|              | 129  |          |          |          | _        |                   |          |  | Ŀ        | Ш               |
|              | 130  |          |          | Ш        |          | $ldsymbol{f eta}$ | <u> </u> | L  |          | Щ               |
|              | 129<br>130<br>131                                    |          |          |          | _        | L                 |          |  |          | Ш               |
|              | 132<br>133   |          |          |          |          | L                 | <u>_</u> | L  |          |                 |
|              | 133  |          |          |          |          |                   |          | $L^{-}$  |          |                 |
|              | 134  |          |          |          |          |                   |          |  |          |                 |
|              | 135  |          |          |          |          |                   |          |  |          |                 |
|              | 136  |          |          |          |          |                   |          |  |          |                 |
|              | 137  |          |          |          |          |                   |          | $\Box$   |          | П               |
|              | 138  |          |          | М        |          | ·                 | Г        |  | _        | Н               |
|              | 138<br>139   | $\neg$   |          |          |          | П                 |          | $\vdash$   | Т        | $\vdash$        |
|              | 140  | $\neg$   |          | П        |          |                   |          | T  |          | $\vdash \vdash$ |
|              | 141  | $\neg$   |          | -        |          |                   | Т        | $\vdash$   |          | Н               |
|              | 142  |          |          |          |          | $\vdash$          |          |  | т        | $\dashv$        |
|              | 143  |          |          |          |          | -                 |          |  | $\vdash$ | $\dashv$        |
| -+           | 144  | $\dashv$ | $\dashv$ |          |          |                   | -        | <del> </del>                                     | -        | $\vdash\vdash$  |
|              | 145  | -        |          | $\dashv$ | -        |                   |          | -  | $\vdash$ | $\dashv$        |
|              | 145  |          | $\dashv$ | $\vdash$ | -        | -                 | _        | $\vdash$   | <b>-</b> | $\dashv$        |
|              | 146  | -        | —        |          |          | $\vdash$          | $\vdash$ | -  | Н        | $\dashv$        |
|              |  |          | -        |          |          | _                 |          | Н  |          | $\dashv$        |
|              | 148  | -        | _        |          |          | $\vdash$          |          |  |          | Н               |
|              | 149  |          |          |          | _        |                   | _        |  | Щ        |                 |
|              | 150  | 1        |          |          |          |                   |          |  |          |                 |